5/18/2006 Revision DRAFT SCHEDULE Task Name 2005 2006 2007 2008 2009 2010 2011 2012 JFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJF EFFECTIVE DATE OF AOC 1 day Mon 6/27/05 Mon 6/27/05 2 EE/CA WORK PLAN 489 days Tue 6/28/05 Sun 10/29/06 Draft EE/CA Work Plan 91 days Tue 6/28/05 Mon 9/26/05 36 days Agency Review EE/CA Work Plan Tue 9/27/05 Tue 11/1/05 Agency Comments and Dispute Resolution 129 days Wed 11/2/05 Fri 3/10/06 Revised Work Plan and Interim Deliverables Fri 6/30/06 112 days Sat 3/11/06 Agency Review EE/CA Work Plan 31 days Sat 7/1/06 Mon 7/31/06 Final Revised Work Plan, SAP, QAPP, HSP Fri 9/29/06 60 days Tue 8/1/06 EPA Review and Approval of EE/CA Work Plan 30 days Sat 9/30/06 Sun 10/29/06 ADDITIONAL SITE CHARACTERIZATION 140 days Mon 10/30/06 Sun 3/18/07 Field Mobilization 20 days Mon 10/30/06 Sat 11/18/06 Field Sampling 60 days Sun 11/19/06 Wed 1/17/07 Field sampling is scheduled during portions of the fish window (Nov 1-Nov 30). Duration could change due to final FSP scope. Laboratory Analysis and Validation 120 days Sun 11/19/06 Sun 3/18/07 14 REMOVAL ACTION CHARACTERIZATION REPORT Fri 6/29/07 243 days Mon 10/30/06 Draft Removal Action Characterization Report 152 days Mon 10/30/06 Fri 3/30/07 Agency Review of Removal Action Characterization Report 30 days Sat 3/31/07 Sun 4/29/07 Final Removal Action Characterization Report 30 days Mon 4/30/07 Tue 5/29/07 EPA Approval of Removal Action Characterization Report Wed 5/30/07 Fri 6/29/07 31 days EE/CA REPORT 331 days Sat 6/30/07 Sun 5/25/08 Technical Briefing on Proposed Remedial Alternatives 30 days Sat 6/30/07 Sun 7/29/07 First Draft EE/CA Mon 7/30/07 Sat 10/27/07 90 days Agency Review of Draft EE/CA 30 days Sun 10/28/07 Mon 11/26/07 Second Draft (Public Review) EE/CA 60 days Tue 11/27/07 Fri 1/25/08 Public Review of Second Draft EE/CA 30 days Sat 1/26/08 Sun 2/24/08 Final EE/CA 61 days Mon 2/25/08 Fri 4/25/08 EPA Approval of EE/CA 30 days Sat 4/26/08 Sun 5/25/08 BIOLOGICAL ASSESSMENT AND 404 MEMORANDUM Mon 7/30/07 Sun 8/24/08 392 days EPA ISSUANCE OF THE ACTION MEMORANDUM Fri 10/24/08 61 days Mon 8/25/08 37 PROJECT DESIGN DOCUMENTS 315 days Sat 10/25/08 Fri 9/4/09 44 SELECTION OF CONTRACTOR(S) Sat 9/5/09 Tue 12/1/09 88 days REMOVAL ACTION WORK PLAN Wed 12/2/09 Fri 4/16/10 136 days IMPLEMENTATION OF REMOVAL ACTION 152 days Sat 4/17/10 Wed 9/15/10 56 Notification of Removal Action Start 30 days Sat 4/17/10 Sun 5/16/10 57 Removal Action Mon 5/17/10 122 days Wed 9/15/10 Removal action is scheduled during portions of the fish window (Feb 1- Jun 30 58 Removal Action Completion 0 days Wed 9/15/10 Wed 9/15/10 59 UPLAND SOURCE CONTROL AND EVALUATION 1651 days Sun 5/1/05 Fri 11/6/09 Upland Source Control Evaluation Upland Source Control Schedule Only Pertains to COIs Related to In-Water Removal Action 855 days Sun 5/1/05 Sun 9/2/07 Upland Source Control Evaluation Report I Mon 9/3/07 Mon 9/3/07 1 day 9/3 Supplemental IRMs (as needed), Monitoring, and Reporting Tue 9/4/07 Mon 9/7/09 735 days 63 Upland Source Control Evaluation Report II Tue 9/8/09 60 days Fri 11/6/09 64 HEXAVALENT CHROMIUM IRM Sun 7/3/05 580 days Fri 2/2/07 273 days Rounds 1 & 2 Injections, Monitoring and Evaluation Sun 7/3/05 Sat 4/1/06 Round 3 Injections, Monitoring, Evaluation, and Reporting 233 days Thu 6/15/06 Fri 2/2/07 AIR SPARGE/SOIL VAPOR EXTRACTION (MCB) Tue 2/15/05 Wed 11/1/06 625 days Operation and maintenance 486 days Tue 2/15/05 Thu 6/15/06 69 Performance Monitoring 542 days Wed 3/23/05 Fri 9/15/06 Reporting 48 days Fri 9/15/06 Wed 11/1/06 PERSULFATE OXIDATION IRM (DDT/MCB) 1228 days Sun 7/3/05 Tue 11/11/08 Round 1 injections, Monitoring, and Evaluation 227 days Sun 7/3/05 Tue 2/14/06 **DNAPL** Isolation Engineering Evaluation 30 days Fri 6/30/06 Sat 7/29/06 DEQ Review and Approval of Engineering Evaluation 30 days Sun 7/30/06 Mon 8/28/06 **DNAPL Isolation and Treatment Work Plan** Tue 8/29/06 Wed 9/27/06 30 days DEQ Review and Approval of Work Plan Thu 9/28/06 Sat 11/11/06 45 days Additional injections 671 days Thu 1/11/07 Tue 11/11/08 PERCHLORATE PILOT STUDY/IRM 1179 days Wed 11/30/05 Fri 2/20/09 Bench-Scale Treatability Study Technical Memorandum and Pilot Study Work Plan 101 days Wed 11/30/05 Fri 3/10/06 DEQ Review of Pilot Study Work Plan (Field Work) 27 days Sat 3/11/06 Thu 4/6/06 Response to DEQ Comments 6 days Fri 4/7/06 Wed 4/12/06 82 DEQ Approval of Aquifer Tests/Field Work 5 days Thu 4/13/06 Mon 4/17/06 Pre-Design Field Work & Evaluation 90 days Tue 4/4/06 Sun 7/2/06 Pilot Study Work Plan 5 days Mon 7/3/06 Fri 7/7/06 Project Schedule Deadline 🗸 Task Split Note: Dates and duration of tasks shaded in gray are dependent on timing of agency review. Arkema Proposed Schedule Upland & In Water_rev051806.mpp

5/18/2006 Revision DRAFT SCHEDULE 2005 2006 2007 2008 2009 2010 2011 2012 JFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJF Task Name 85 **DEQ Review and Approval** 30 days Sat 7/8/06 Sun 8/6/06 86 Pilot Study Planning 60 days Mon 8/7/06 Thu 10/5/06 Field Pilot Study 366 days Fri 10/6/06 Sat 10/6/07 Midpoint Perchlorate Evaluation Tech Memo 30 days Wed 4/4/07 Thu 5/3/07 Pilot Study Report and IRM Work Plan and Design 60 days Sun 10/7/07 Wed 12/5/07 DEQ Review and Approval of IRM Design Thu 12/6/07 Fri 1/4/08 30 days Perchlorate IRM 368 days Sat 1/5/08 Tue 1/6/09 45 days Reporting Wed 1/7/09 Fri 2/20/09 93 STORMWATER IRM 537 days Tue 11/15/05 Sat 5/5/07 Investigation Work Plan 170 days Tue 11/15/05 Wed 5/3/06 DEQ Review and Approval of Work Plan 30 days Thu 5/4/06 Fri 6/2/06 60 days Field Sampling Sat 6/3/06 Tue 8/1/06 Reporting Wed 8/2/06 Sat 9/30/06 60 days Stormwater FFS/IRM Design Sun 10/1/06 Wed 11/29/06 60 days DEQ Review and Approval of IRM Design Thu 11/30/06 Fri 12/29/06 30 days Stormwater IRM 67 days Sat 12/30/06 Tue 3/6/07 Reporting 60 davs Wed 3/7/07 Sat 5/5/07 102 RI REPORT 242 days Thu 12/1/05 Sun 7/30/06 103 Submit Revised RI Thu 12/1/05 Thu 12/1/05 1 day 104 DEQ Review of Revised R 181 days Fri 12/2/05 Wed 5/31/06 105 Finalize and Submit RI Report 60 days Thu 6/1/06 Sun 7/30/06 106 LOT NOS. 1 AND 2 REPORT 59 days Wed 11/30/05 Fri 1/27/06 107 Submit Report 59 days Wed 11/30/05 Fri 1/27/06 108 HOT SPOT EVALUATION 688 days Thu 12/15/05 Fri 11/2/07 109 Preliminary Hot Spot Evaluation and Submittal 135 days Thu 12/15/05 Fri 4/28/06 110 **DEQ Review and Comment** 60 days Sat 4/29/06 Tue 6/27/06 111 Site-Specific Hot Spot Evaluation (Submitted with Risk Assessment) Wed 7/19/06 30 days Thu 8/17/06 112 **DEQ Review and Comment** Fri 8/18/06 Mon 10/16/06 60 days 113 Final Hot Spot Evaluation (Submitted with Feasibility Study) 30 days Sun 8/5/07 Mon 9/3/07 114 DEQ Review and Approval 60 days Tue 9/4/07 Fri 11/2/07 115 RISK ASSESSMENT/SCREENING 335 days Tue 11/1/05 Sun 10/1/06 116 Joint Source Control Screening 179 days Tue 11/1/05 Fri 4/28/06 117 DEQ Review of JSCS Sat 4/29/06 45 days Mon 6/12/06 118 Human Health Risk Assessment First Phase of Evaluation Thu 12/1/05 139 days Tue 4/18/06 119 Meeting with DEQ and Arkema to Present CSM, HHRA Progress Wed 4/19/06 Wed 4/19/06 1 day 120 Supplemental Sampling, Analysis, Validation 75 days Thu 4/20/06 Mon 7/3/06 121 Complete and Submit HHRA Tue 7/4/06 Thu 8/17/06 45 days 122 DEQ Review of HHRA Fri 8/18/06 Sun 10/1/06 45 days 123 139 days Level II Ecological Risk Assessment First Phase of Evaluation Thu 12/1/05 Tue 4/18/06 124 Meeting with DEQ and Arkema to Present CSM, Level II ERA Progress Wed 4/19/06 1 day Wed 4/19/06 125 75 days Supplemental Sampling, Analysis, Validation Thu 4/20/06 Mon 7/3/06 126 Complete and Submit Level II ERA Tue 7/4/06 Thu 8/17/06 45 days 127 45 days DEQ Review of Level II ERA Fri 8/18/06 Sun 10/1/06 128 SOIL REMEDIATION IRM (DDT) 669 days Tue 4/17/07 Fri 2/13/09 129 Soil Remediation FFS/Design/Sampling 120 days Tue 4/17/07 Tue 8/14/07 130 DEQ Review and Approval of Design Wed 8/15/07 Sat 10/13/07 60 days 131 IRM Work 429 days Sun 10/14/07 Mon 12/15/08 132 Reporting 60 days Tue 12/16/08 Fri 2/13/09 133 FEASIBILITY STUDY (With Contingencies) 493 days Wed 6/28/06 Fri 11/2/07 134 Work Plan for FS Data Gaps 60 days Wed 6/28/06 Sat 8/26/06 135 DEQ Review and Approval of Work Plan 30 days Sun 8/27/06 Mon 9/25/06 136 FS Data Gap Field Investigation Tue 9/26/06 Sun 12/24/06 90 days 137 Mon 12/25/06 Thu 2/22/07 60 days 138 DEQ Review and Approval of FS Data Gap Report 30 days Fri 2/23/07 Sat 3/24/07 139 Assessment of Residual Risk Technical Memorandum 60 days Sun 3/25/07 Wed 5/23/07 140 DEQ Review and Approval of Residual Risk Tech Memo 30 days Thu 5/24/07 Fri 6/22/07 141 Draft FS 250 days Thu 12/28/06 Mon 9/3/07 142 DEQ Review and Approval of Draft FS 60 days Tue 9/4/07 Fri 11/2/07 143 RECORD OF DECISION (With Contingencies) 90 days Sat 11/3/07 Thu 1/31/08 nes 60 day DEQ review and 30 day public comment period. 144 IMPLEMENT FINAL REMEDY 836 days Fri 2/1/08 Sun 5/16/10 Project Schedule Milestone Deadline 🗸 Note: Dates and duration of tasks shaded in gray are dependent on timing of agency review. Arkema Proposed Schedule Upland & In Water_rev051806.mpp

5/18/2006 Revision	DRAFT SCHEDULE	
Field Sampling Field sampling is scheduled during portions of the fish window (Nov 1-Nov 30). Duration could change due to final FSP scope. Removal Action Removal action is scheduled during portions of the fish window (Feb 1- Jun 30). Upland Source Control Evaluation Upland Source Control Schedule Only Pertains to COIs Related to In-Water Removal Action Preliminary Hot Spot Evaluation and Submittal Comparison to Pre-Calculated, Highly Concentrated Hot Spot Values. RECORD OF DECISION (With Contingencies) Assumes 60 day DEQ review and 30 day public comment period.		
	Note: Dates and duration of tasks shaded in gray are dependent on timing of agency review.	Arkema Proposed Schedule Upland & In Water_rev051806.mp